

In the Claims:

1 – 28. (cancelled)

29. (currently amended) A semiconductor device, comprising:

an NMOS transistor gate structure, the NMOS gate structure comprising a gate dielectric above a semiconductor body, an n-doped first metal silicide structure having a first composition ~~above~~ contacting the gate dielectric, and a second metal silicide having a different composition above the n-doped first metal silicide; and

a PMOS transistor gate structure, the PMOS gate structure comprising a gate dielectric above a semiconductor body, a p-doped first metal silicide structure having a second composition ~~above~~ contacting the gate dielectric, and a second metal silicide having a different composition above the p-doped first metal silicide.

30. (original) The device of claim 29, wherein the first metal silicide comprises a refractory metal.

31. (original) The device of claim 30, wherein the refractory metal is one of molybdenum, tungsten, tantalum, and titanium.

32. (original) The device of claim 29, wherein the second metal silicide comprises nickel.

33. (currently amended) The device of claim 29, further comprising a silicon layer between the first and second metal silicides in the NMOS and PMOS gate structures.

34. (canceled)

35. (original) A transistor gate structure, comprising:

a gate dielectric formed above a semiconductor body;

a first metal silicide ~~above~~ contacting the gate dielectric, the first metal silicide ~~being~~ doped with ~~n or p-type~~ substantially single polarity impurities and having a first composition; and

a second metal silicide having a different composition above the first metal silicide.

36. (canceled)

37. (currently amended) The gate structure of claim [36] 35, further comprising silicon between the first and second metal silicides.

38. (original) The gate structure of claim 35, wherein the first metal silicide comprises a refractory metal.

39. (original) The gate structure of claim 38, wherein the refractory metal is one of molybdenum, tungsten, tantalum, and titanium.

40. (original) The gate structure of claim 38, wherein the second metal silicide comprises nickel.

41. (original) The gate structure of claim 35, wherein the second metal silicide comprises nickel.